



# UMRR-EMP - IL, IA, MO, MN, WI - Rice Lake Complex Habitat Rehabilitation & Enhancement Project - LaGrange Pool

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

## Location

LaGrange Pool, Illinois Waterway River Miles 132.0 through 138.0, Fulton County, Illinois

## State(s)

IL

## Congressional District(s)

IL-17

## Status

The construction contract was awarded in September of 2011 and construction began in 2012. Spring flooding in 2013 has delayed construction and caused some damages that will require contract modifications. Construction is scheduled for completion in 2014.

## Description

Rice Lake is a 6,800 acre backwater complex located 24 miles southwest of Peoria, Illinois, in Fulton County. The project lands are state owned and are managed by the Illinois Department of Natural Resources (ILDNR) as a fish and wildlife area. STAGE I PROJECT FEATURES INCLUDES CONSTRUCTION OF:

- a reinforced concrete pump station (3-48") on H-piles, and a masonry pump station control building,
- a water discharge channel from the pump station to distribute water to the moist soil management areas,
- a water control structures (stoplog and sluice gate),
- an overflow and natural spillway embankment using both wet and dry material.
- a reinforced concrete outlet structure and mechanical dredging.

## SUBSEQUENT CONTRACT(S) MAY INCLUDE:

- removal of the old pump station,
- construction of a fish passage structure into Rice Lake, and
- mast tree/native grass planting on Duck Island.

Increased flood and sedimentation levels have resulted in degradation of what has historically acted as excellent mid-migration waterfowl and aquatic habitat. The lack of reliable and flexible water management capability over half of the project area severely limits its effectiveness in providing feeding and resting habitat for the 2.7 million annual waterfowl use days. Habitat degradation also has negatively affected the other migratory and resident species using the facility. The project goals are to enhance wetland, aquatic, and floodplain terrestrial habitat. Reestablishing the Hate Levee and installing a pumping facility for Big Lake would increase reliability and flexibility of water level management. Habitat would be improved for waterfowl, wading birds, shorebirds, and other wetland species that utilize the area. Structures for fish passage and escapement would protect aquatic habitat and maintain connectivity with deep water areas. Restoration of native grasslands and mast tree species would enhance habitat for numerous floodplain species.



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## **Summarized Project Costs**

In accordance with Section 906(e) of the Water Resources Development Act of 1986 (Public Law 99-662), general design and construction costs would be shared on a 65% Federal/ 35% non-Federal basis. The non-Federal sponsor, the ILDNR, will assume all annual operation, maintenance, and repair costs, estimated at \$42,000.

Federal Cost	\$13,900,000
Non-Federal Cost	\$7,280,000
Total Cost	\$21,180,000
Federal Allocations Through FY 2014	\$13,425,000
Scheduled Federal Allocation for FY 2015	\$425,000
Balance to Complete	\$50,000

## **Major Work Item (This Fiscal Year)**

**FY 2015** Continuation of construction and the execution of contract modifications to repair 2013 flood damages.

## **Major Work Item (Next Fiscal Year)**

**FY 2016** Complete development of the O & M manual.

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